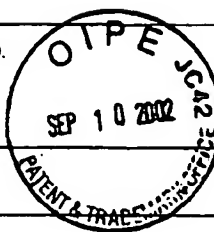


| | | | |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------|-------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. HARD 1.028A | APPLICATION NO. 10/090,340 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | | APPLICANT Chongjun Jiang | GROUP 1700 1700 |
| | | FILING DATE March 4, 2002 | |



| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------|----------|-----------------------------|-------|----------|---------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| <i>Jim</i> | 4,162,924 | 7/31/72 | K.K. Osaka Packing Seizosho | — | — | |
| <i>Jim</i> | 5,383,967 | 1/24/95 | Chase | — | — | |
| <i>Jim</i> | 5,372,640 | 12/13/94 | Schwarz | — | — | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--|-----------------|------------|------------------------------------------------------|--------------|--------------|-------------|----|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | | YES | NO |
| <i>Jim</i> | | EP 417418 A | 07/06/1990 | EP (EUROPE) | — | — | | X |
| <i>Jim</i> | | CN 1120525 A | 04/17/1996 | China (Derwent Abstracts Accession No. 97-480943/45) | — | — | | X |
| <i>Jim</i> | | JP 6-144944 A | 05/24/1994 | Japan (Derwent Abstracts 06-144944) | — | — | X | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|------------------------------------------------------------------------|
| | |
| | |
| | |
| | |
| | |
| | |

RECEIVED
SEP 13 2002
TC 1700

H:\DOCS\IPTH\PTH-1109.DOC:090302

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| EXAMINER <i>Chongjun Jiang</i> | DATE CONSIDERED 1/3/06 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | |

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO. HARD 1.028A | APPLICATION NO. Filed herewith 10/090,340 |
| | APPLICANT Jiang | |
| | FILING DATE March 4, 2002 | GROUP 1700 |

JC921 U.S. PTO
 10/090340
 03/04/02

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|-----------------|------------|-------------------|-------|----------|---------------------------------|
| <i>Am</i> | 5,709,743 | 01/20/1998 | Letura et al. | — | — | 06/20/1994 |
| <i>Am</i> | 4,101,335 | 07/18/1978 | Barrable | — | — | 04/25/1977 |
| <i>Am</i> | 4,132,555 | 01/02/1979 | Barrable | — | — | 11/04/1976 |
| <i>Am</i> | 4,689,084 | 08/25/1987 | Ambroise et al. | — | — | 01/08/1986 |
| <i>Am</i> | 4,680,059 | 07/14/1987 | Cook et al. | — | — | 10/01/1984 |
| <i>Am</i> | 5,372,878 | 12/13/1994 | Sagstetter et al. | — | — | 02/21/1992 |
| <i>Am</i> | 4,131,638 | 12/26/1978 | Whitaker et al. | — | — | 07/05/1977 |
| <i>Am</i> | 5,330,573 | 07/19/1994 | Nakano et al. | — | — | 08/09/1991 |
| <i>Am</i> | 6,139,620 | 10/31/2000 | Suzuki et al. | — | — | 06/25/1996 |
| <i>Am</i> | 6,346,146 | 02/12/2002 | Duselis et al. | — | — | 04/09/1998 |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|-----------------|------------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| <i>Am</i> | WO 01/68547 | 09/20/2001 | PCT | — | — | | X |
| <i>Am</i> | WO 00/21901 | 04/20/2000 | PCT | — | — | | X |
| <i>Am</i> | WO 98/45222 | 10/15/1998 | PCT | — | — | | X |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|------------------------------------------------------------------------|
| | |
| | |
| | |
| | |
| | |

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|--------|
| EXAMINER | <i>Paul M. [Signature]</i> | DATE CONSIDERED | 1/3/06 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. | | | |

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
HARD1.028AAPPLICATION NO.
10/090,340INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Changjun JiangFILING DATE
March 4, 2002GROUP
1755

(USE SEVERAL SHEETS IF NECESSARY)



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|-----------------|------|------|-------|----------|---------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|-----------------|------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | |
|-----------|--------------------------------------------------------------------------------------|
| <i>Am</i> | Patent Abstracts of Japan abstract of JP 01318080, Motomura, December 22, 1989. |
| <i>Am</i> | Patent Abstracts of Japan abstract of JP 2001028492, Tamai et al., January 30, 2001. |
| | |
| | |
| | |

EXAMINER

DATE CONSIDERED

8/30/04

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



PTO/SB/08 Equivalent

| | | |
|-------------------------------------------------------------------------------------------------------|----------------------|--------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Multiple sheets used when necessary) | Application No. | 10/090,340 |
| | Filing Date | March 4, 2002 |
| | First Named Inventor | Chongjun Jiang |
| | Art Unit | 1755 |
| | Examiner | Paul D. Marcantoni |
| SHEET 1 OF 1 | Attorney Docket No. | HARD1.028A |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|---------------------------------------------------------------------------|--------------------------------|-------------------------------|--------------------------------------------------------------------------------|
| Examiner Initials | Cite No. | Document Number Number - Kind Code (if known) Example: 1,234,567 B1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 4 | | | | |
| | 5 | | | | |
| | 6 | | | | |
| | 7 | | | | |
| | 8 | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | CLASS | SUBCLASS | |
|--------------------------|----------|------------------------------------------------------------------------------------|--------------------------------|-------------------------------|--------------------------------------------------------------------------------|----------|----------------|
| Examiner Initials | Cite No. | Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1 | Publication Date MM-DD-YYYY | Name of Patentee or Applicant | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear | | T ¹ |
| <i>PM</i> | 9 | CN 1120525 A | 04-17-1996 | Hua Nanli Gongdaxue | — | — | X |
| | 10 | | | | | | |
| | 11 | | | | | | |
| | 12 | | | | | | |
| | 13 | | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ¹ |
| | 14 | | |
| | 15 | | |
| | 16 | | |
| | 17 | | |
| | 18 | | |

1801754_1
070605

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Examiner Signature <i>[Signature]</i> | Date Considered <i>8/30/05</i> |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

T¹ - Place a check mark in this area when an English language Translation is attached.